



Kaxiras 2-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Patent Application**

Applicant(s): S. Kaxiras et al.  
Case: 2-2  
Serial No.: 09/591,918  
Filing Date: June 9, 2000  
Group: 2187  
Examiner: Glenn A. Gossage

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature: *David H. Vulpis*

Date: July 6, 2004

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JUL 15 2004

Title: Directory-Based Prediction Methods and Apparatus  
for Shared-Memory Multiprocessor Systems

Technology Center 2100

RESPONSE TO FINAL OFFICE ACTION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The remarks below are submitted in response to the final Office Action dated April 6, 2004, in the above-identified application. A Notice of Appeal is submitted concurrently herewith.

REMARKS

The present application was filed on June 9, 2000 with claims 1-34. Claims 1-34 are currently pending in the application. Claims 1, 22 and 28 are the independent claims.

Reconsideration of the present application is respectfully requested in view of the following remarks.

The Examiner continues to object to the abstract as amended. Applicants respectfully traverse the objection, and submit that the amended abstract is fully compliant with the relevant regulations. The Examiner in objecting to the amended abstract makes the following statement, with emphasis supplied: